Organic Arch Support

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This project intent to determine the feasibility of making organic arch support out of plastics made from milk and vinegar mixture. The researchers hypothesized that if organic plastics be made from milk and vinegar mixture then it can be molded into arch support purposely to relieve pain in long walking or running. We made different ratio of milk and vinegar mixtures and molded it into foot arch support. We found out that it can be made into the arch support. Therefore, we recommend the use of these products as a safe alternative for foot arch support. However, we were not able to do the actual test in order to determine its efficiency and breaking point. Thereby, we recommend that actual test must be done in order to measure its efficiency and use.

Awards Won: